



an Open Access Journal by MDPI

Managing Hybridizing Populations: Threats or Opportunities for Conservation?

Guest Editors:

Prof. Dr. Ettore Randi

Department of Chemistry and
Bioscience, Aalborg University,
9220 Aalborg, Denmark

Prof. Dr. Marco Musiani

Department of Biological,
Geological and Environmental
Sciences (BiGeA), University of
Bologna, Via Zamboni, 33-40126
Bologna, Italy

Deadline for manuscript
submissions:

closed (30 November 2025)

Message from the Guest Editors

Dear Colleagues,

Natural hybridization is a driver of evolution while anthropogenic hybridization is considered a risk factor for biodiversity conservation. However, new research findings challenge these assumptions. Conservation biology needs innovative guidelines for the protection of hybridizing endangered species and for upholding the evolutionary dynamics of admixing populations.

In this Symposium, we will provide reports on ongoing research projects and updated conservation strategies for animal populations that are evolving due to natural or anthropogenic hybridization and gene introgression. Aims of this Symposium is to promote a positive conservation view, which accounts for biodiversity inclusively: and also inclusive of hybridization, e.g., biodiversity of hybridizing populations. Therefore, the formulation of conservation solutions requires (1) scientific research and in-depth analysis of case studies involving hybridization, (2) debating of any findings by academics and all conservation stakeholders, and (3) the development of monitoring and management procedures applicable in the real world of conservation, a world that is perhaps inclusive towards hybrids.



mdpi.com/si/198229



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Contact Us

Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biology
biology@mdpi.com
[X@Biology_MDPI](https://twitter.com/Biology_MDPI)